Front Doors
RD80/RD100

RYTERNA

RYTERNA

Your front door is a key element of your house façade. Every day you see, touch, and use it. Consequently, your door should complement the facade, be safe and secure whilst providing the very best insulation from the element's. High tech. finishes and the very best accessories should ensure maintenance free use.

Ryterna offer a wide range of made-to-measure front doors in numerous design choices including the possibility to create your individual / bespoke design. The latest technologies combined with the perfect design features ensure an outstanding appearance and performance.

'Ryterna Entry' is a part of the 'Ryterna Group' who have been manufacturing doors since1993. With authorised dealers all over Europe and our own transport fleet we can provide the shortest possible lead times. Ryterna entrance doors are manufactured in a new efficient factory located in Kaunas, Lithuania. Sustainability in manufacture combined with the thermal performance of our products is central to our growth philosophy. Ryterna constantly seek for morally responsible and environmentally cleaner ways to improve in all areas of business.

www.ryternaentry.com

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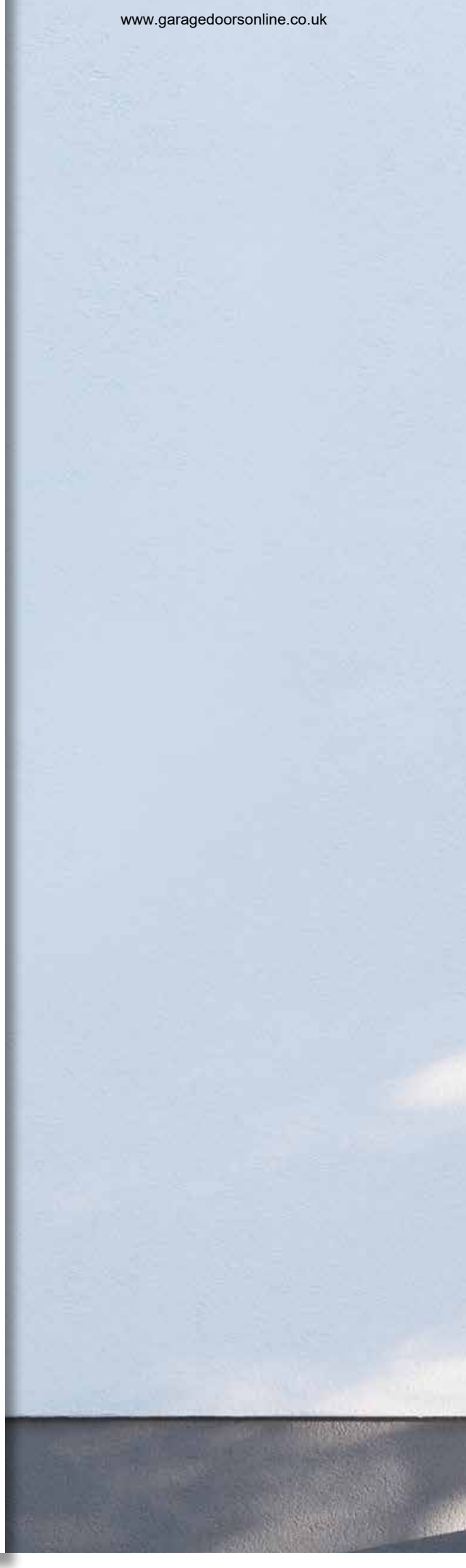

Design	**1055**
Model	**RD80**
Outside colour	**TG68/80043 +corten image panel+glass**
Handle	**IH-ALU+LED+corten-1800**
Escutcheon	**ESC-3**
Glazing	**Tinted SGT**

Design	**804**
Model	**RD100**
Outside colour	**RAL7016 + Golden Oak**
Handle	**H90WD/G-1200**
Escutcheon	**ESC-3**
Glazing	**Etched effect**
Applique	**Inlaid stainless metal**
Decor	**Carving**

Design	**1041**
Model	**RD80**
Outside colour	**RAL7016 + wood image panel**
Handle	**H90S40-1200**
Escutcheon	**ESC-3**
Glazing	**Etched effect**

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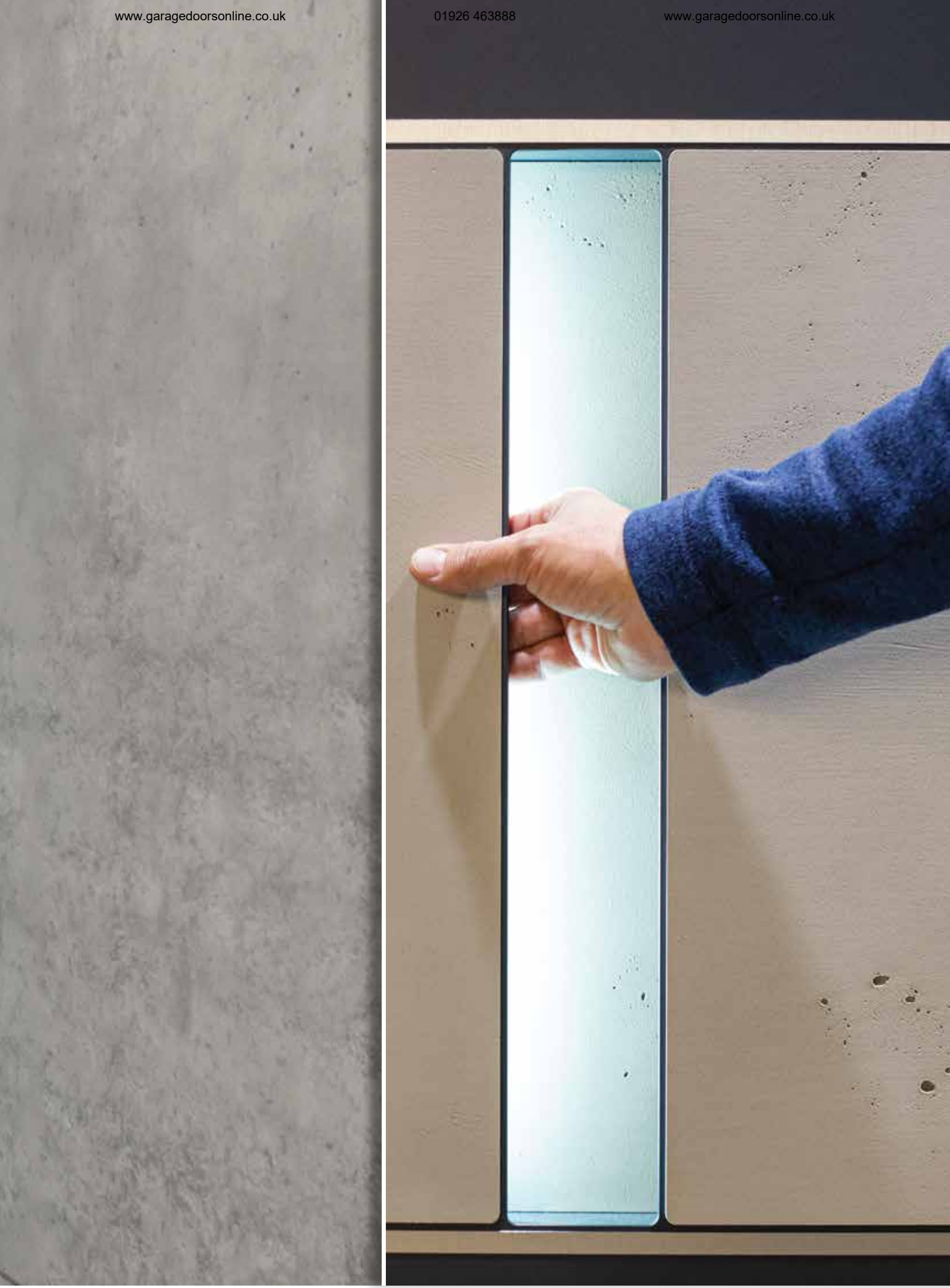
Design	**1020**
Model	**RD80**
Outside colour	**RAL7016 + corten image panel**
Handle	**H90S40-1200**
Escutcheon	**ESC-3**
Applique	**Inlaid stainless metal**

Design	**1001**
Model	**RD80**
Outside colour	**RAL7016 + concrete image panel**
Handle	**IH-ALU+LED+concrete-500**
Escutcheon	**ESC-3**
Applique	**Inlaid stainless metal**



Design	**705**
Model	**RD100**
Outside colour	**RAL7016**
Handle	**H90RB-800**
Escutcheon	**ESC-3**
Glazing	**Etched effect**
Applique	**Inlaid stainless metal+Golden Oak**
Decor	**Carving**

Design	**805**
Model	**RD80**
Outside colour	**RAL 9005 + Old Oak**
Handle	**H90WD/O-1200**
Escutcheon	**ESC-3**
Finger scanner	**FSC3**
Applique	**Inlaid stainless metal**
Glazing	**Etched effect**

Design	**641**
Model	**RD80**
Outside colour	**Tiger 29/71335**
Handle	**H45R-1200**
Escutcheon	**ESC-3**
Glazing	**Patterned SGP**
Applique	**Inlaid Golden Oak**

Design	**601**
Model	**RD80**
Outside colour	**RAL7040**
Handle	**H90S-800**
Finger scanner	**FSC3**
Escutcheon	**ESC-3**
Glazing	**Etched effect**
Applique	**Inlaid stainless metal**

Design	**652**
Model	**RD80**
Outside colour	**PP300/Black pearl**
Handle	**H90S-800+LED**
Escutcheon	**ESC-3**
Glazing	**Tinted SGT**
Applique	**Inlaid stainless metal**

Design	**654**
Model	**RD80**
Outside colour	**TG68/80043**
Handle	**H90R-1800**
Escutcheon	**ESC-3**
Glazing	**Etched effect**
Applique	**Inlaid stainless metal**

Design	**639**
Model	**RD80**
Outside colour	**Anthracite TG68/80043**
Handle	**H90S40-800**
Escutcheon	**ESC-1**
Glazing	**Matt SGM**
Applique	**Inlaid stainless metal**

Design	**702**
Model	**RD80**
Outside colour	**RAL9007**
Handle	**H90S-1200**
Escutcheon	**ESC-3**
Glazing	**Etched effect**
Applique	**Inlaid stainless metal**
Decor	**Carving**

Design	**801**
Model	**RD80 flush**
Outside colour	**RAL7040 +RAL9016**
Handle	**H90S40B-500**
Escutcheon	**ESC-3**
Glazing	**Matt SGM**
Applique	**Inlaid stainless metal**
Decor	**Carving**

Design	**207**
Model	**RD100**
Outside colour	**RAL8007**
Handle	**H90R-1200**
Escutcheon	**ESC-3**
Glazing	**Clear SGC**
Applique	**Inlaid painted**

Design	**208**
Model	**RD100**
Outside colour	**Anthracite TG68/80043**
Handle	**H90R-1600**
Escutcheon	**ESC-3**
Glazing	**Matt SGM**
Applique	**Inlaid stainless metal**

Design	**207**
Model	**RD100**
Outside colour	**RAL 8007 mat**
Handle	**H90R-1200**
Finger scanner	**FSC3**
Escutcheon	**ESC-2**
Glazing	**Matt SGM**
Applique	**Inlaid stainless metal**
Kick plate	**Smooth**

Design	**704**
Model	**RD100**
Outside colour	**RAL9016**
Handle	**H90RB-1400**
Escutcheon	**ESC-3**
Glazing	**Custom etched effect**
Applique	**Inlaid stainless metal**
Decor	**Carving**

Design	**703**
Model	**RD100**
Outside colour	**Anthracite TG68/80043 + RAL9016**
Handle	**H90RB-1600**
Escutcheon	**ESC-3**
Glazing	**Etched effect**
Applique	**Inlaid stainless metal**
Decor	**Carving**

Design	**Individual**
Model	**RD80**
Outside colour	**Anthracite TG68/80043**
Handle	**H90R-1600**
Escutcheon	**ESC-1**
Glazing	**Etched effect**
Applique	**Inlaid stainless metal**

Design	**701**
Model	**RD80**
Outside colour	**RAL9016**
Handle	**H45R-800**
Escutcheon	**ESC-3**
Glazing	**Matt SGM**
Applique	**Inlaid stainless metal**
Decor	**Carving**

Design	**655**
Model	**RD80**
Outside colour	**RAL9016**
Handle	**H90S-1800**
Finger scanner	**FSC3**
Escutcheon	**ESC-3**
Applique	**Inlaid stainless metal**
Glazing	**Clear SGC**

Design	**653**
Model	**RD80**
Outside colour	**RAL9001**
Handle	**H90R-1600**
Escutcheon	**ESC-3**
Glazing	**Etched effect**
Applique	**Inlaid stainless metal**

Design	**615**
Model	**RD80**
Outside colour	**RAL7016**
Handle	**H90S40-800**
Escutcheon	**ESC-3**
Glazing	**Matt SGM**
Applique	**Inlaid stainless metal**

Design	**650**
Model	**RD80**
Outside colour	**RAL7012**
Handle	**H45R-500**
Escutcheon	**ESC-3**
Finger scanner	**FSC3**
Glazing	**Matt SGM**
Decor	**Carving**

Design	**615**
Model	**RD80**
Outside colour	**RAL4004**
Handle	**H45R-500**
Escutcheon	**ESC-3**
Glazing	**Matt SGM**
Applique	**Inlaid stainless metal**

Design	**907**
Model	**RD80**
Outside colour	**RAL 9016+RAL4004**
Handle	**H45R-1600**
Escutcheon	**ESC-2**
Glazing	**Tinted SGT**
Applique	**Inlaid stainless metal**

Design	**630**
Model	**RD80**
Outside colour	**RAL-9016**
Handle	**H90R-1200**
Escutcheon	**ESC-3**
Glazing	**Patterned SGP**
Applique	**Inlaid stainless metal**

Design	**603**
Model	**RD80**
Outside colour	**RAL9016**
Handle	**H45R-500**
Escutcheon	**ESC-1**
Glazing	**Matt SGM**
Applique	**Inlaid stainless metal**

Design	**657**
Model	**RD80**
Outside colour	**Golden Oak**
Handle	**H90S-500**
Escutcheon	**ESC-3**
Glazing	**Etched effect**
Applique	**Inlaid stainless metal**

Design	**Individual**
Model	**RD100**
Outside colour	**RAL7016+RAL3005**
Handle	**H90S40B-800**
Escutcheon	**ESC-3**
Windows	**Matt SGM**
Applique	**Inlaid stainless metal**

Design	**643***
Model	**RD100**
Outside colour	**RAL7016**
Handle	**HRB-800**
Escutcheon	**ESC-3**
Glazing	**Matt SGM**
Applique	**Inlaid stainless metal**

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Design	**Individual**
Model	**RD100**
Outside colour	**RAL7016**
Handle	**H90R-1400**
Escutcheon	**ESC-3**
Glazing	**Clear SGC**
Applique	**Inlaid stainless metal**

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Design	**910**
Model	**RD100**
Outside colour	**Tiger 29/90147/Tiger 29/60740**
Handle	**HS-1000**
Escutcheon	**ESC-3**
Glazing	**Custom etched effect**
Applique	**Inlaid stainless metal**

Design	**Individual**
Model	**RD100**
Outside colour	**RAL7040**
Handle	**HLS04**
Glazing	**Tinted SGT**
Applique	**Inlaid stainless metal**

Design	**909**
Model	**RD100**
Outside colour	**RAL7016+RAL9016**
Handle	**H90RB-1400**
Escutcheon	**ESC-3**
Glazing	**Etched effect**
Applique	**Inlaid stainless metal**
Kick plate	**Smooth**

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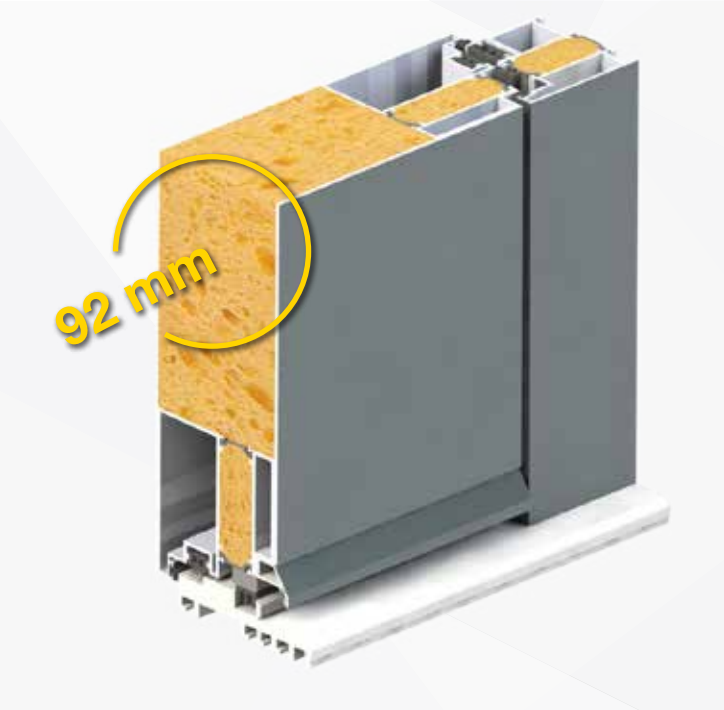
Features

The door frame is constructed from aluminium profiles including a thermal break to reduce thermal transference from the outer to inner skin. The doors leaf's inner and outer skins are created from a single sheet 2.5 mm thick aluminium sheets (some designs may differ).

The doors inner core, assembly profiles and frames are filled with a strong environmentally friendly freon free PU foam.

Triple all round perimeter rubber weather sealing completes a combination that gives Ryterna entrance doors the following performance values:

RD80



Ryterna entrance doors are made to resist the elements and certified by IFT testing institute in Rosenheim, Germany.

Thermal transmittance U value	**0.69 W/m²K**
Safety resistance class EN 12519	**RC 3***
Wind resistance class EN 12207:199-11	**3**
Rain resistance class EN 12208:199-11	**6A**
Sound reduction EN 717-1:2013	**-32 Db**

* RC2 as standard - RC3 option upgrade

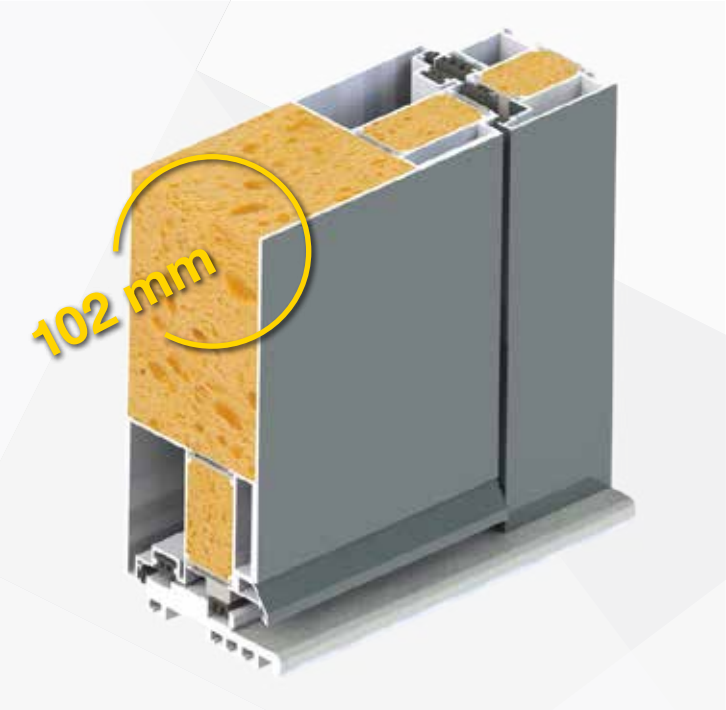
Features

A high quality durable magnetic 'pop-up' threshold is supplied with all RD80 & RD100 doors. Opening into the building and out are available.

All windows and sidelights are triple glazed with safety glass. Many decorative glass options are available including bespoke / custom engraving. Individual design elements can be added to complete your bespoke / custom doors.

All doors are made to order up to 1250mm wide & 2250mm high. For larger sizes consult manufacturer for feasibility.

RD100



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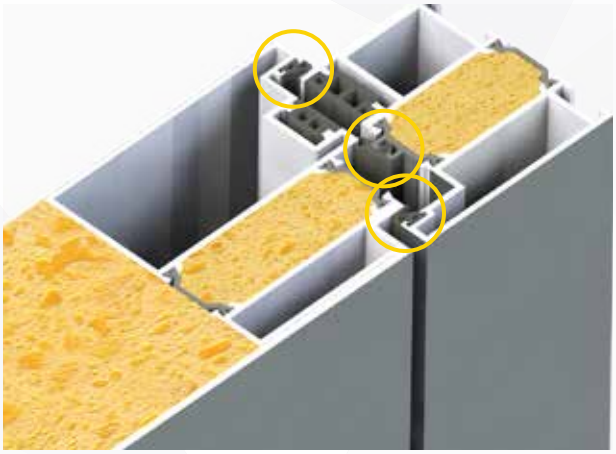
Sound reduction EN 717-1:2013	**-32 Db**

* RC2 as standard - RC3 option upgrade

Features

Two types of frames

1. Flat
2. Jutted



Door leaf

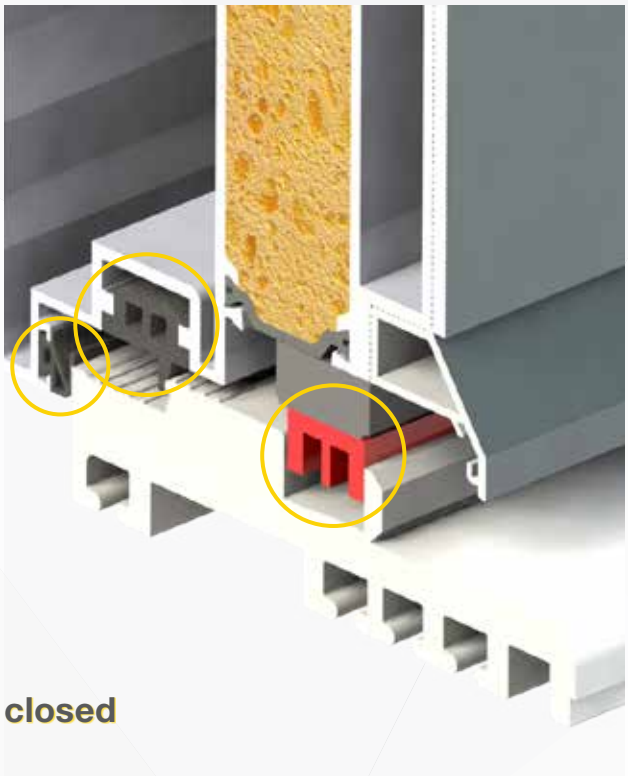
Flush leaf with aluminium sheet skin.

Magnetic threshold

The ‘pop-up’ magnetic strip is a high quality durable and maintenance free threshold system that significantly improves insulation and draughts. Two further rubbers ensure the best posable performance.

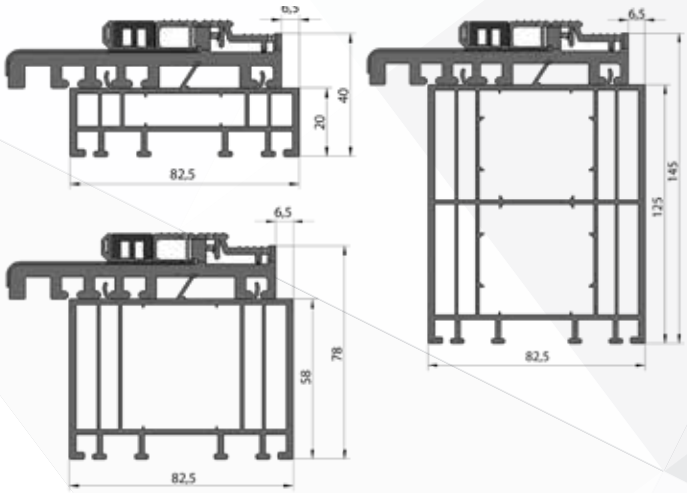
As the door closes a magnetic strip rises to create a perfect seal between the threshold and door. As the door opens the strip gently drops back into its groove reducing the step.

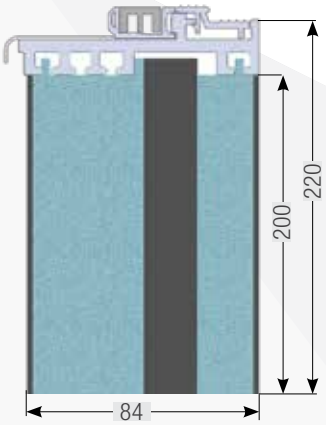
Our magnetic threshold has been designed to reduce the obstacles met by wheelchairs, prams and other wheeled vehicles.



Add-on bottom profiles

Available heights:
20 mm, 58 mm and 125 mm





Add-on bottom thermo profiles

Minimum height: 25 mm
Maximum height: 200 mm

Key cylinders (safety classes A,B,C)

WILKA lock cylinders are famous for their security and quality.
You can choose one of three security classes: A, B or C. With C been the highest.
5 keys are supplied with all WILKA cylinders.

CWA

CWA+TT

Partial opening lock

Available in Silver or white.

POL

Locking systems

Locks

KFV locks are made from high-quality materials with precise workmanship.

Hi-tech mechanics ensure reliable, precise and easy operation. Lots of options starting from the simplest 3 point lock up to sophisticated 5 point lock.

3 points multiple lock **L3P**

Main lock deadbolt and hook bolts operated by the key.

5 points multiple lock **L5P**

Two round latch bolts lock the leaf on closure automatically and opens by the key. Deadbolt and hook bolts operated by the key.

Day & Night **L3P+D&N**

3 point multi-point lock with option to temporary disable self-locking. Main deadbolt and hook bolts operated by the key.

Electric 1 **L3P+D&N+EM**

3 point multi-point lock with electric latch and option to temporary disable self-locking. Main lock deadbolt and hook bolts operated by the key.

Electric 2 **L5PMA**

5 point multi-point lock.
Round latch and hook bolts lock the leaf on closure automatically. Deadbolt operated by the key only. If deadbolt is engaged automatic unlocking is disabled.
All latches open by electric drive when turning the key or pressing lever handle.
Lock can be connected to finger-scanner or keypad (optional).
Not compatible with lever handle from outside, pull handle only.

Electric 3 **L5PM (without electric motor)**

5 point multi-point lock.
Round latch and hook bolts lock the leaf on closure automatically. Deadbolt operated by the key only.
All latches and deadbolt are unlocked by pressing inside handle.
Not compatible with lever handle from outside, pull handle only.

Electric 4 **L5PA**

5 point multi-point lock with all latches and deadbolt operated by electric drive. Locks automatically when closing the door. All latches and deadbolt open by electric drive when turning the key or pressing lever handle. Not compatible with lever handle from outside, pull handle only. Lock can be connected to finger-scanner and keypad (optional)

Electric 5 **L5P + panic function**

5 point multi-point lock.
Round latch bolts and hook bolts lock the leaf on closure automatically. Deadbolt is locked by the key.
All latches and deadbolt are unlocked by pressing inside handle.

Locking systems

L3P

L5P

L3P+D&N

L3P+D&N+EM

L5PMA

L5PM

L5PA

L5P+ panic funkction

Handles

Escutcheons

You can choose from five stainless steel escutcheons.

ESC-1

ESC-2

ESC-3

ESC-4

ESC-5
(Drill proof)

Stainless steel pull handles

H45R

Ø 30 mm
45°

Heights available:
500 mm
800 mm
1200 mm
1400 mm
1600 mm

H45S

30x20 mm
45°

Heights available:
500 mm
800 mm
1200 mm
1400 mm
1600 mm

H90R

Ø 30 mm
90°

Heights available:
500 mm
800 mm
1200 mm
1400 mm
1600 mm
1800 mm

H90S

30x20 mm
90°

Heights available:
500 mm
800 mm
1200 mm
1400 mm
1600 mm
1800 mm

H90S40

40x10 mm
90°

Heights available:
500 mm
800 mm
1200 mm
1400 mm
2000 mm

H90S40B

40x10 mm
90°

Heights available:
500 mm
800 mm
1200 mm

H90RB

Ø 30 mm
90°

Heights available:
500 mm
800 mm
1200 mm
1400 mm
1600 mm

HRB

Ø 30 mm

Heights available:
500 mm
800 mm

Handles

HS

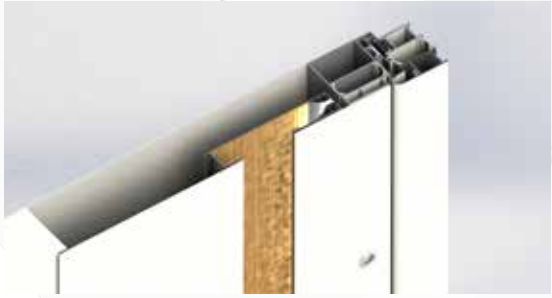
Height available:
1000 mm

H90WD

Heights available:
800 mm
1200 mm
Colours available:
Gold Oak
Old Oak

IH

Size available:
(500x130 mm)



IH-ALU

Sizes available:

500 mm	1400 mm
800 mm	1600 mm
1200 mm	1800 mm

Lever and knob handles

HL-W (White)

HL-B (Black)

***HK-W** (White)

***HK-B** (Black)

HLA (Aluminium)

HLS 01 (Stainless steel)

HLS 02 (Stainless steel)

HLS 03 (Stainless steel)

HLS 04 (Stainless steel)

HLS 05 (Stainless steel)

HLS 06 (Stainless steel)

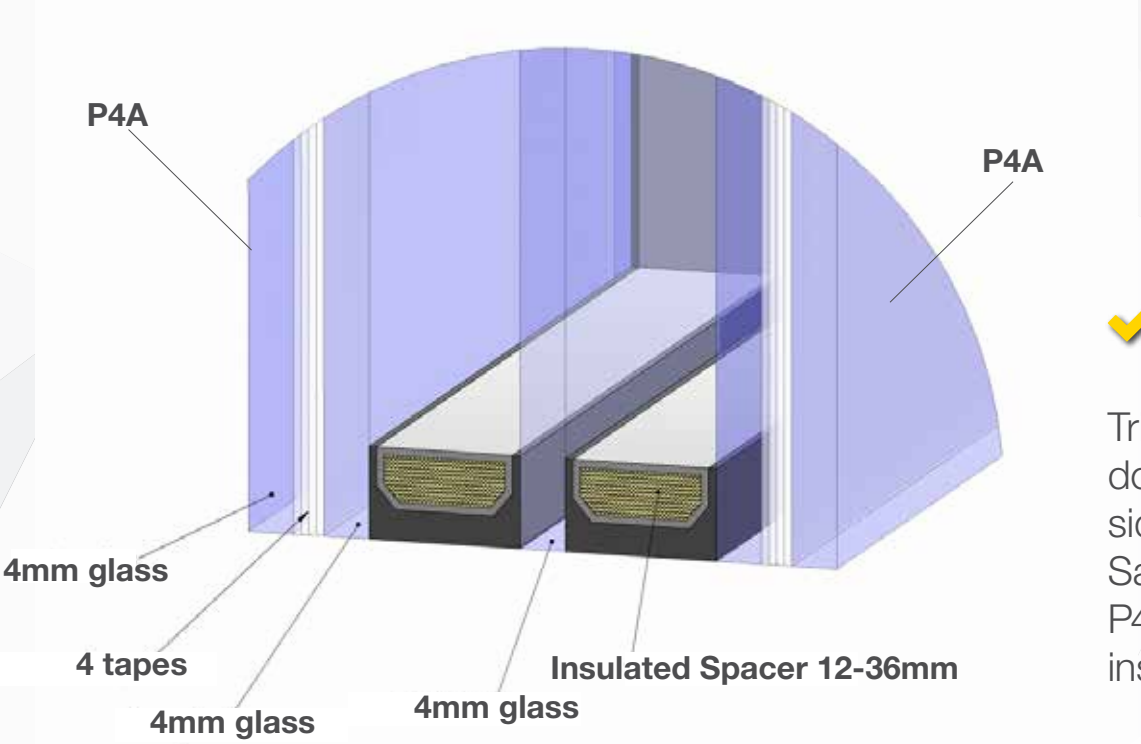
***HLS 07** (Stainless steel)

HLS 10 (White)

HLS 11 (Aluminium)

HLS 12 (Stainless steel)

*In pairs only (inside/outside).



Triple safety glazing

Triple glazing on door leaves and side elements. Safety glass P4A outside and inside.

Finger scanners

Keypads

EKEY keypads are secure and easy to operate.

Up to 99 individual users.

The Keypad can be installed on door leaf or on the wall.

Ekey White

KP2

Ekey Black

KP3

Ekey Arte FSC1

Thanks to its compact design Arte finger scanner can be integrated discreetly into unusual door designs and fittings.

Ekey Integra FSC2

The finger scanner is mounted in the wall using stainless-steel accessories (in-wall set).

The finger scanner will only operate when connected to an ekey control panel.

Both finger-scanners can be controlled by app. So you can open the door with your smart-phone and enjoy all the benefits of operation via app.

FSC1

FSC2

Sommer finger scanner FSC3

Secure and easy to operate Sommer finger scanners Increase key free security and convenience.

*Each user can enter three separate fingerprints to control your entrance door, garage door and gates. One simple swipe opens or closes your devices as desired.

FSC3

Sommer remote handset RMT1

Sommer handsets and fingerprint scanner are compatible with each other.

*The 4-channel handset can operate up to 4 devices including your entrance door, garage door, gates or even outside lights.

The Secure rolling code handset signal cannot be copied / cloned. More key free convenience with a quality designed handset.

RMT1

*Other devices must be compatible or fitted with secondary receivers.

Colours

Inside RAL colours

- RAL 9016 gloss 20%
- Any colour from Ryterna official RAL palette

Standard colours

RAL 9016

Custom colours

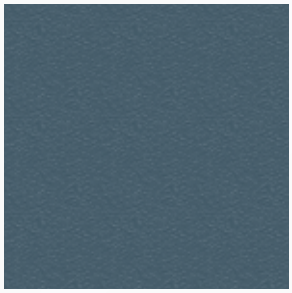
Ryterna RAL palette

Outside RAL colours

- RAL 9016 gloss 20%
- RAL 7016 gloss 20%
- RAL 7016 structure
- Anthracite TG68/80043
- Any colour from Ryterna official RAL palette

Standard colours

RAL 9016



RAL 7016

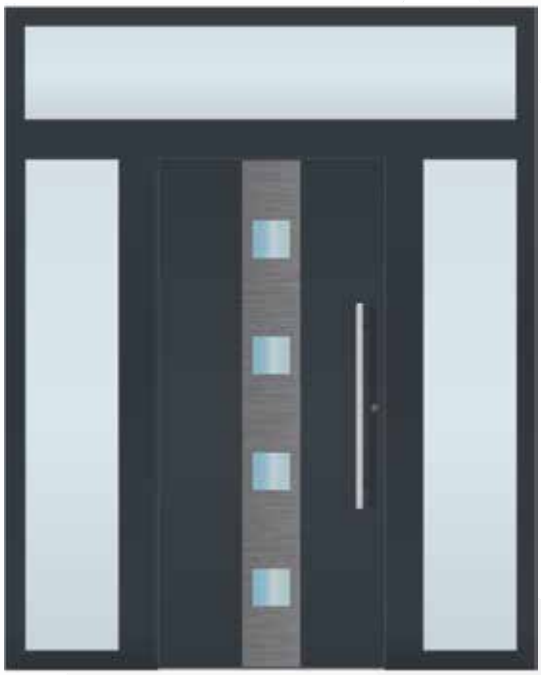
RAL 7016 structure

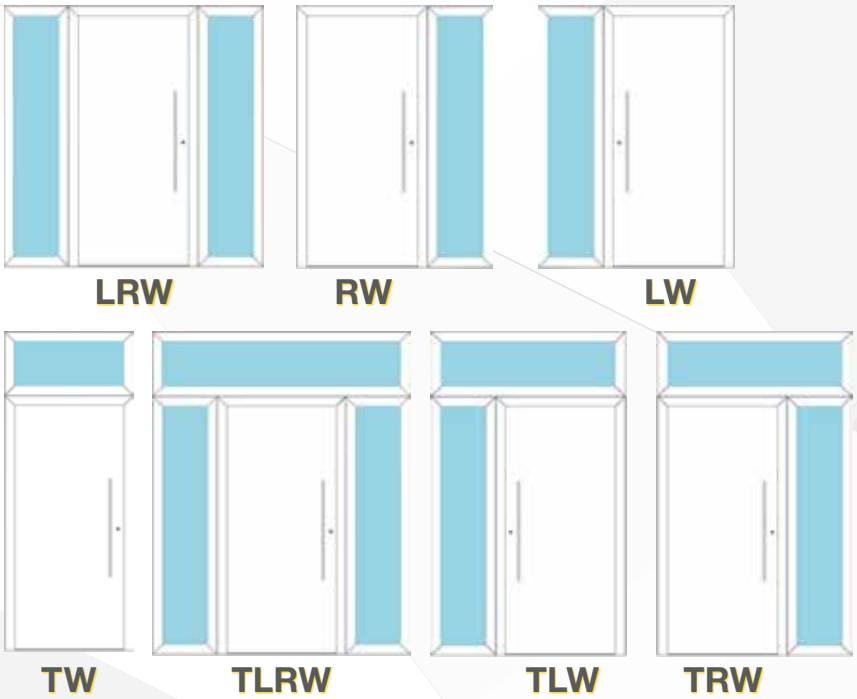
Anthracite TG68/80043

Custom colours

Ryterna RAL palette

Side and top elements



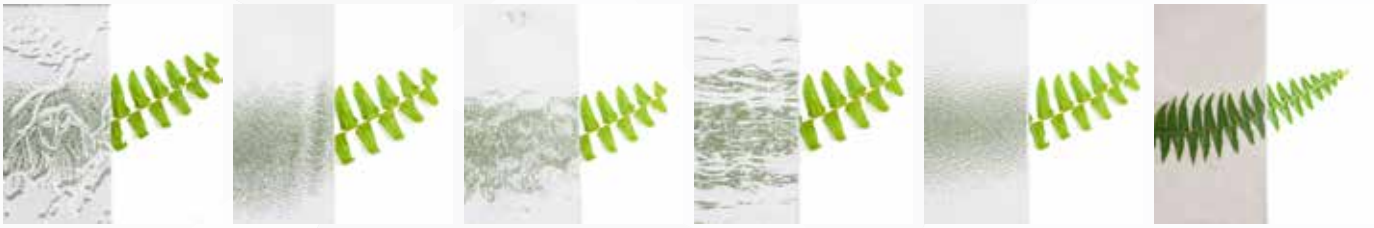


Glazing options

STANDARD

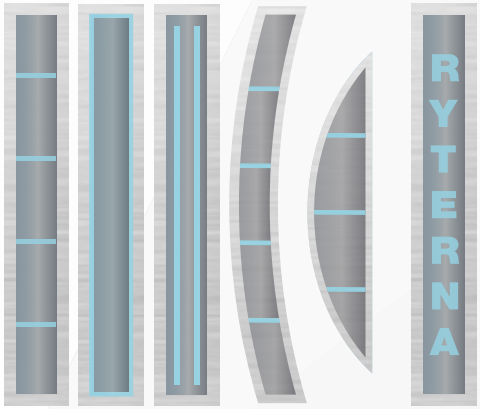
Clear **SGC** Matt **SGM** Patterned **SGP**

NON-STANDARD



Similar to Delta Nr. 121 Chinchilla Kathedral Klein Similar to Silvit Nr. 118 Crepi Tinted **SGT**

Etched effect glazing



For design possibilities and price consult the manufacturer.

RD80/RD100 standard designs*

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201

202

203

204

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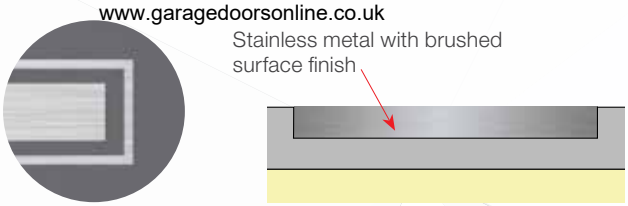
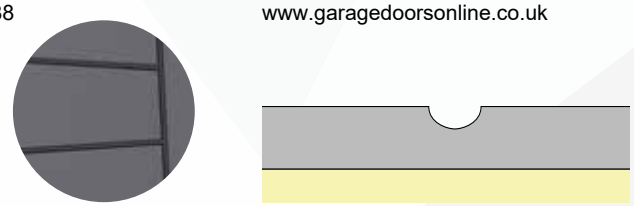


Inlaid stainless metal appliqué



Carving

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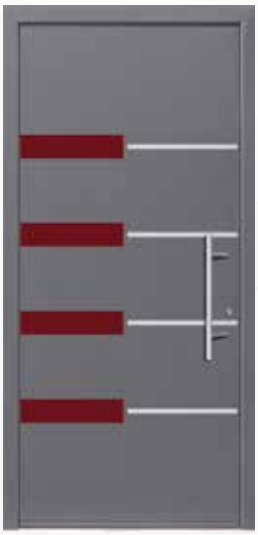

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RD80/RD100 standard designs*

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RD80/RD100 standard designs*

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RD80/RD100 standard designs*

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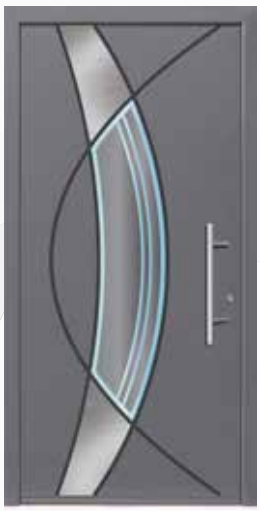
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* you can modify existing or create your own door design

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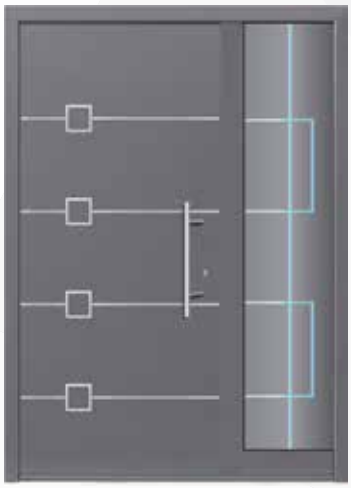
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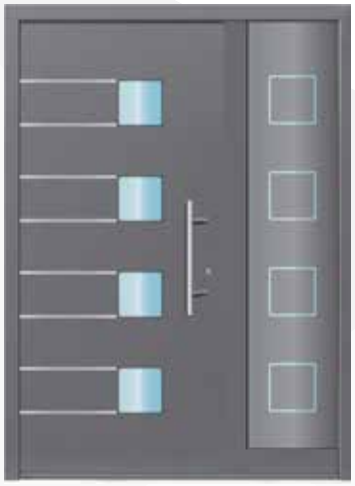
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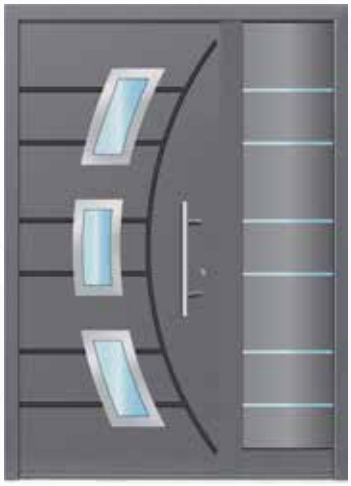
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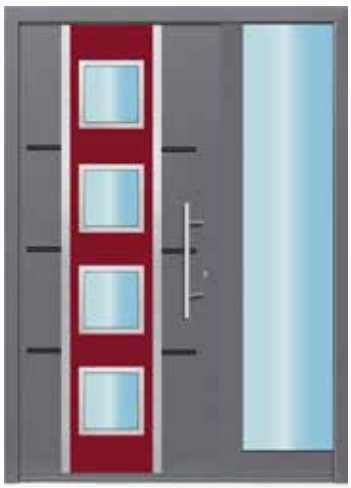
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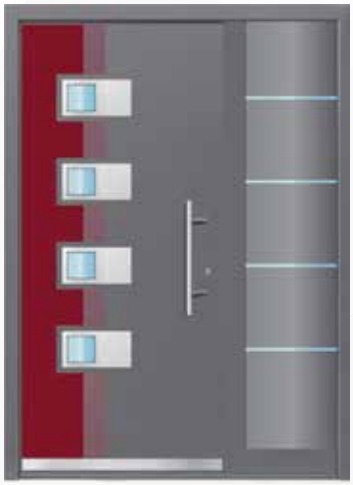
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RD80/RD100 Exclusive designs*

1000 concrete

1001 concrete

1002 concrete

1003 concrete

1004 concrete

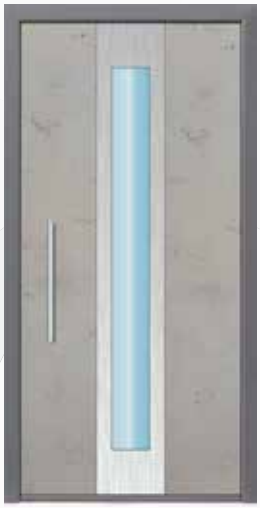
1005 concrete

1006 concrete

1007 concrete

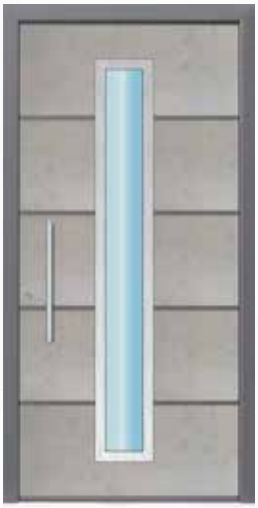
1008 concrete

1009 concrete



1010 concrete

1011 concrete



1012 concrete

1020 corten

1021 corten

* you can modify existing or create your own door design

1022 corten

1023 corten

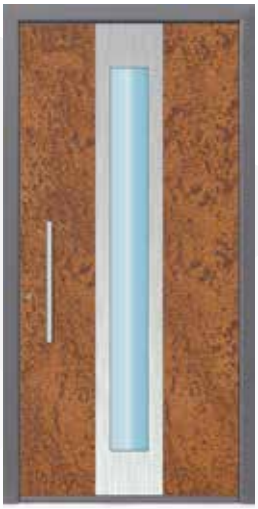
1024 corten

1025 corten

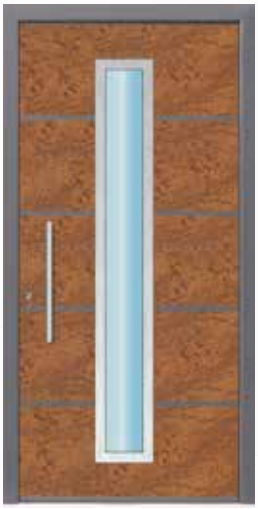
1026 corten

1027 corten

1028 corten


1029 corten

1030 corten


1031 corten

1032 corten

1040 wood

1041 wood

1042 wood

1043 wood

RD80/RD100 Exclusive designs*

1044 wood

1045 wood

1046 wood

1050 glass

1051 glass

1052 glass

1053 glass

1054 glass

1055 glass+corten

Visit https://ryternaentry.doorconfigurator.com/

Design	**706**
Model	**RD100**
Outside colour	**RAL7016**
Handle	**H90S40B-800**
Escutcheon	**ESC-3**
Glazing	**Etched effect**
Applique	**Inlaid stainless metal**
Decor	**Carving**